

**ATLAS long-lived particle
searches: current status and
Run2 plans**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome address

Tuesday, 3 December 2013 13:15 (15 minutes)

Presenter: DI CIACCIO, Anna (University and INFN of Rome Tor Vergata)

Contribution ID: 1

Type: **not specified**

Introduction: overview and goals of meeting

Tuesday, 3 December 2013 14:45 (30 minutes)

Presenter: LUBATTI, Henri

Session Classification: Introduction and theory overview

Contribution ID: 2

Type: **not specified**

Theory overview

Tuesday, 3 December 2013 13:30 (1h 15m)

Presenter: STRASSLER, M.

Session Classification: Introduction and theory overview

Contribution ID: 3

Type: **not specified**

HV triggers

Tuesday, 3 December 2013 15:45 (30 minutes)

Presenter: COCCARO, Andrea

Session Classification: Current Tools

Contribution ID: 4

Type: **not specified**

MS vertex reconstruction

Tuesday, 3 December 2013 16:15 (30 minutes)

Presenter: CIAPETTI, Guido (ROMA1)

Session Classification: Current Tools

Contribution ID: 5

Type: **not specified**

ID vertex reconstruction

Tuesday, 3 December 2013 16:45 (30 minutes)

Presenter: PAIS, Preema

Session Classification: Current Tools

Contribution ID: 6

Type: **not specified**

Electron-jet vertex reconstruction

Tuesday, 3 December 2013 17:15 (30 minutes)

Presenter: HOOFT VAN HUYSDUYNEN, Loek

Session Classification: Current Tools

Contribution ID: 7

Type: **not specified**

Adjourn

Tuesday, 3 December 2013 17:45 (15 minutes)

Session Classification: Current Tools

Contribution ID: 8

Type: **not specified**

Lepton Jets: prompt decays

Wednesday, 4 December 2013 09:30 (30 minutes)

Presenter: HOOFT VAN HUYSDUYNEN, Loek

Session Classification: 2012 data analyses and status

Contribution ID: 9

Type: **not specified**

Leptons: long-lived decays

Wednesday, 4 December 2013 10:00 (30 minutes)

Presenter: POLICICCHIO, Antonio (CS)

Session Classification: 2012 data analyses and status

Contribution ID: **10**

Type: **not specified**

IT+MS displaced vertex search –Higgs, Z' and stealth SUSY

Wednesday, 4 December 2013 10:30 (1 hour)

Session Classification: 2012 data analyses and status

Contribution ID: 11

Type: **not specified**

HCal displaced vertex search

Wednesday, 4 December 2013 11:30 (45 minutes)

Presenter: WATTS, G.

Session Classification: 2012 data analyses and status

Contribution ID: 12

Type: **not specified**

Stealth SUSY with reprocessed data

Wednesday, 4 December 2013 12:15 (30 minutes)

Presenter: RUSSELL, H.

Session Classification: 2012 data analyses and status

Contribution ID: 13

Type: **not specified**

Combined limit paper(s) etc.

Wednesday, 4 December 2013 12:45 (30 minutes)

Session Classification: 2012 data analyses and status

Contribution ID: 14

Type: **not specified**

Data format, ATLAS primary trigger changes and rate constraints

Wednesday, 4 December 2013 14:45 (30 minutes)

Presenter: COCCARO, Andrea

Session Classification: Preparing for Run 2 (2015)

Contribution ID: 15

Type: **not specified**

Muon Run2 Triggers

Wednesday, 4 December 2013 15:15 (30 minutes)

Presenter: CORRADI, Massimo (BO)

Session Classification: Preparing for Run 2 (2015)

Contribution ID: **16**

Type: **not specified**

Calorimeter Trigger Changes

Wednesday, 4 December 2013 15:45 (30 minutes)

Session Classification: Preparing for Run 2 (2015)

Contribution ID: 17

Type: **not specified**

ID decay triggers

Wednesday, 4 December 2013 17:10 (30 minutes)

Session Classification: Preparing for Run 2 (2015)

Contribution ID: **18**

Type: **not specified**

Summary of work needed to prepare for Run2 analysis

Wednesday, 4 December 2013 17:40 (35 minutes)

Session Classification: Preparing for Run 2 (2015)

Contribution ID: 19

Type: **not specified**

General discussion –resources needs human, computing disk space...

Wednesday, 4 December 2013 18:15 (45 minutes)

Session Classification: Preparing for Run 2 (2015)

Contribution ID: **20**

Type: **not specified**

Adjourn

Wednesday, 4 December 2013 19:00 (15 minutes)

Session Classification: Preparing for Run 2 (2015)